

THE SOUND EXPERIENCE

CATALOGUE

HERTZ



Technology • Art • Sound
Manufactured by
elettromedia Italy

www.hertzaudiovideo.eu



HERTZ

INDEX

8	MILLE LEGEND
18	MILLE PRO
28	HERTZ DIGITAL POWER
32	HI-ENERGY
34	HERTZ COMPACT POWER
40	ENERGY
48	DIECI
56	SPL

The Sound Experience



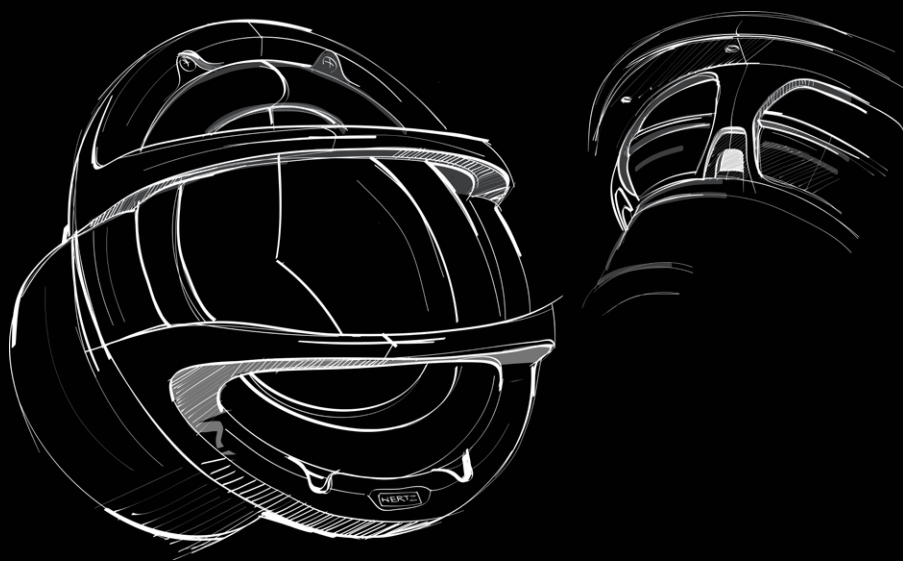


PERFORMANCE

**HERTZ, UNIT OF MEASUREMENT
FOR SOUND FREQUENCY.**

The sound of the Hertz products
gives you emotions through
outstanding performances.

The Sound Experience



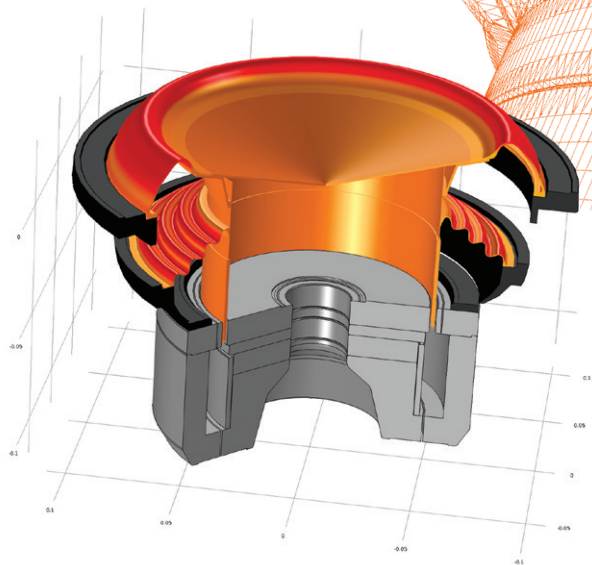
ELEGANT LOOK, FINEST PERFORMANCES.

The design grows and develops together with the **acoustic features**.

DESIGN

Each detail contributes to reach in-car listening pleasure, **the pleasure to own a Hertz product.**

3D FEM excursion analysis

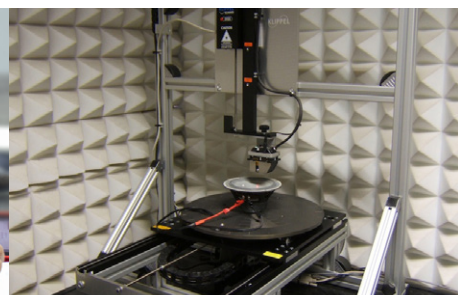
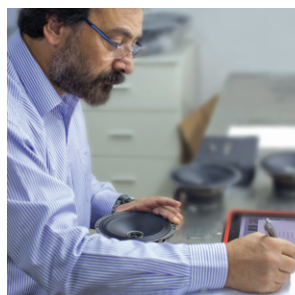


INNOVATION

PASSION DRIVES RESEARCH.

We focus on reaching the best performances in the **real environment of application: the car.**

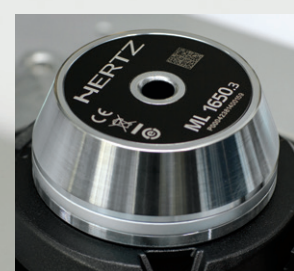
Passion for car audio is the essential driving force leading the Hertz engineers to win **the neverending challenge of innovation** using the most advanced technologies, always.



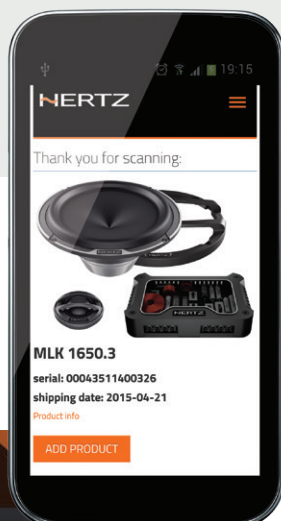
SCAN, DISCOVER, IDENTIFY



EID TECHNOLOGY GIVES YOU THE AUTHENTIC
"HERTZ SOUND EXPERIENCE"



eID



eID is an exclusive technology providing the traceability of the Hertz Mille.3 products from their birth on.

The **eID code**, linked to the serial number, is applied to the product once the QC checks are completed and assigned to the country/market of destination at the time of shipment.

Thanks to the **eID** technology the user can check the product technical, manufacturing, logistic information **by simply scanning the code** and proceeding with the **registration of the product**, to enjoy one additional year of warranty coverage*.

eID gives the user the certainty of owning a **genuine Hertz product**, the only way to experience the original "Hertz Sound Experience".



Video of eID technology

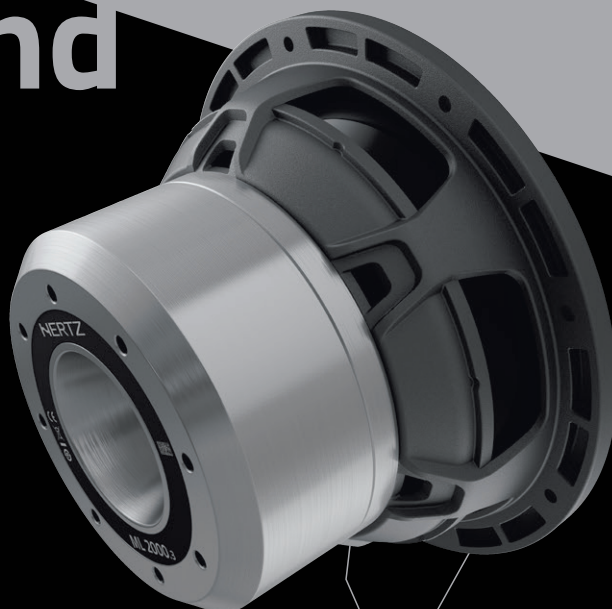


The Sound Experience

 **HERTZ**

CONTINUED EVOLUTION
TO TURN INTO LEGEND.

Mille Legend



MILLE.3: 15 YEARS OF PURE EVOLUTION

**EXTREME DYNAMICS, UNLIMITED POWER
HANDLING, REAL ACOUSTIC SCENE.**

ALL THE PARAMETERS HAVE BEEN REDEFINED
TO A SUPERIOR LEVEL TO GIVE LIFE TO THE MAXIMUM
EXPRESSION OF THE "HERTZ SOUND EXPERIENCE".
MILLE.3 IS A TOTAL LISTENING EXPERIENCE,
TRANSFERRING THE EMOTIONS OF A
LIVE PERFORMANCE TO THE CAR ENVIRONMENT.



Mille

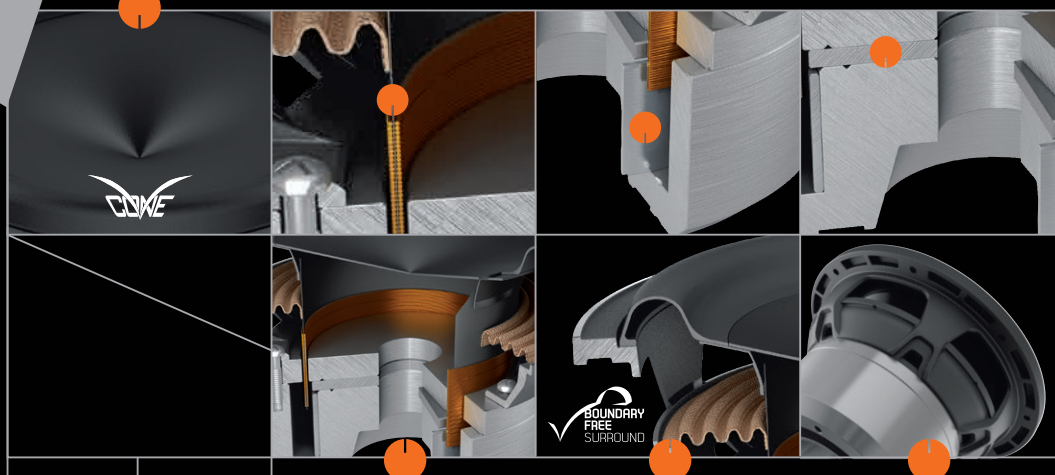
Legend

V-CONE®

IN-OUT SUBWOOFER
VOICE COIL

ALUMINIUM
SHORTING RING

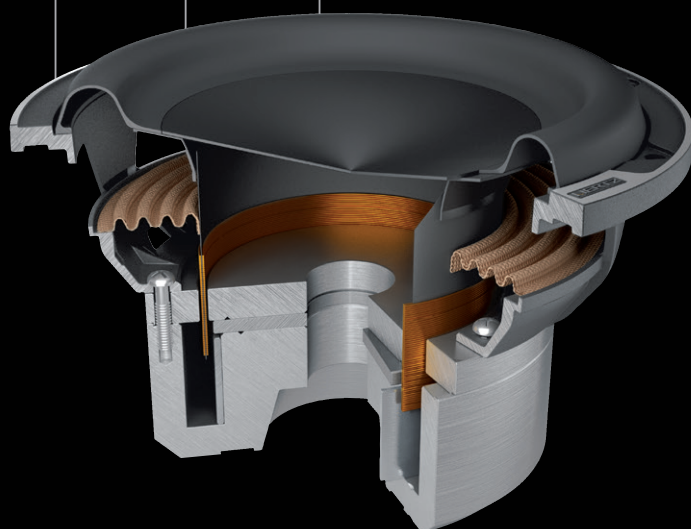
NEODYMIUM MAGNET



100 mm (4\")
SUBWOOFER VOICE COIL

BOUNDARY FREE
SURROUND

ALUMINIUM ALLOY BASKET



V-CONE®

The V-cone® profile prevents the cone from deforming during its excursion, ensuring a "piston-like" movement, thus maximizing the production of acoustic pressure. The exponential profile, with the absence of traditional dustcap, gets close to the perfect one, generating exceptional dispersion at mid-high frequencies.

IN-OUT SUBWOOFER VOICE COIL

Mille Legend subwoofers feature a new voice coil winding process called "In/Out". This technique consists in winding one layer of the voice coil outside of the former and one layer inside of the former so that the two layers are magnetically, mechanically and thermally symmetric, characteristics impossible to achieve with traditional voice coil multi-layer winding process. Thanks to the "In/Out" wound voice coil, Mille Legend subwoofers are capable of dissipating over 700W RMS / 1500W Peak Power; the unique feature of the In/Out voice coil is its capability of cooling down fast while reproducing high energy content bass transients, ensuring very low Dynamic Compression, which is essential to re-create the same emotions of a Live musical performance.

ALUMINIUM SHORTING RING

The Hertz electroacoustic designers developed a technology tailor-made for the Mille Legend line called "Aluminium Shorting Ring". An aluminium ring is employed to reduce the "modulated inductance" phenomenon, instead of the traditional shorting copper ring. The great advantage of the aluminium ring, compared to a copper ring, is that it allows air gap reduction, increasing the motor energy transferred to the voice coil resulting in the most accurate reproduction of musical nuances.

NEODYMIUM MAGNET

The motor assembly expands around a high thermal threshold Neodymium ring with unique sizes. It works immersed in a magnetic structure optimized for the best flux symmetry in the air gap, achieving amazing magnetic strength values and ensuring absolute thermal stability, bursting dynamics and total absence of dynamic compression.

100 mm (4\") SUBWOOFER VOICE COIL

The Hertz electro-acoustic designers adopted a CCAW (Copper Clad Aluminium Wire) 100 mm (4\") voice coil for the Mille Legend subs, to ensure unparalleled heat dissipation capability compared to the average subs that mount voice coils with considerably smaller diameter – 50 or 65 mm (2\" or 2 and 1/2\"). A larger voice coil diameter also ensures better stability of the mobile equipment during extended excursions, avoiding undesired resonances, such as the well known "rocking mode".

BOUNDARY FREE SURROUND

This particular surround geometry provides the ability to achieve wider emission surface of the cone compared to speakers' traditional surround design of the same size; that way, the cone manages to move a bigger mass of air, producing more acoustic pressure. Highly pure IIR butyl rubber material has been accurately selected, ensuring optimal transient response damping and constant performances through wide working temperature range.

ALUMINIUM ALLOY BASKET

The midrange compact anti-resonant alloy basket features spider built-in vented holes. The holes, combined with the motor vented system, allow the cone to move as free as it needs making long excursions, eliminating every distortion due to acoustic compression phenomena. The structure self-standing geometry adds to the overall mechanical damping, resulting absolutely transparent to sound.



LEGEND

1400 W

ML 2000.3
SUBWOOFER



LEGEND

1400 W

ML 2500.3
SUBWOOFER



MLG 2000.3
MLG 2500.3
optional grille



SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. program							
ML 2000.3	200 (8)	1400	700	4	30 - 600	86	100 (4)	Neodymium	Mineral-injected paper	23 (0.9)
ML 2500.3	250 (10)	1400	700	4	27 - 500	88	100 (4)	Neodymium	Mineral-injected paper	27 (1.06)

Mille

Legend

V-CONE®

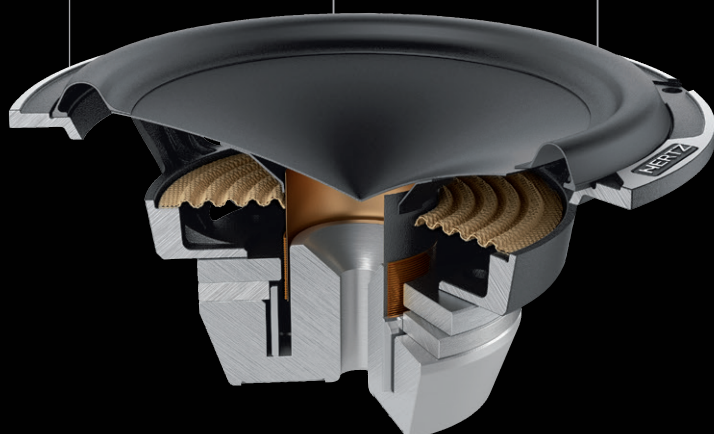
NEODYMIUM MAGNET

**36/50 mm (1.4" / 2")
WOOFER VOICE COIL**

**ALUMINIUM
SHORTING RING**

**BOUNDARY FREE
SURROUND**

ALUMINIUM ALLOY BASKET



V-CONE®

The V-cone® profile prevents the cone from deforming during its excursion, ensuring a "piston-like" movement, thus maximizing the production of acoustic pressure. The exponential profile, with the absence of traditional dustcap, gets close to the perfect one, generating exceptional dispersion at mid-high frequencies.

NEODYMIUM MAGNET

The motor assembly expands around a high thermal threshold Neodymium ring with unique sizes. It works immersed in a magnetic structure optimized for the best flux symmetry in the air gap, achieving amazing magnetic strength values and ensuring absolute thermal stability, bursting dynamics and total absence of dynamic compression.

36/50 mm (1.4" / 2") WOOFER VOICE COIL

To ensure extraordinary power handling and very low dynamic compression, even with tracks especially rich of bass frequencies, Mille Legend Woofers feature extraordinary large mobile voice coil. ML 1650.3 Legend mounts a 36 mm (1.4") voice coil to ensure the best compromise between power handling and mid-high frequency response. ML 1800.3 Legend employs a specific CCAW (Copper Clad Aluminium Wire) 50 mm (2") diameter mobile voice coil, designed to provide an extended frequency response down to the first octaves of the audio spectrum.

ALUMINIUM SHORTING RING

The Hertz electroacoustic designers developed a technology tailor-made for the Mille Legend line called "Aluminium Shorting Ring". An aluminium ring is employed to reduce the "modulated inductance" phenomenon, instead of the traditional shorting copper ring. The great advantage of the aluminium ring, compared to a copper ring, is that it allows air gap reduction, increasing the motor energy transferred to the voice coil resulting in the most accurate reproduction of musical nuances.

BOUNDARY FREE SURROUND

This particular surround geometry provides the ability to achieve wider emission surface of the cone compared to speakers' traditional surround design of the same size; that way, the cone manages to move a bigger mass of air, producing more acoustic pressure. Highly pure IIR butyl rubber material has been accurately selected, ensuring optimal transient response damping and constant performances through wide working temperature range.

ALUMINIUM ALLOY BASKET

The woofer compact anti-resonant alloy basket features spider built-in vented holes. The holes, combined with the motor vented system, allow the cone to move as free as it needs making long excursions, eliminating every distortion due to acoustic compression phenomena. The structure self-standing geometry adds to the overall mechanical damping, resulting absolutely transparent to sound.



grille included

LEGEND

ML 1650.3
COMP WOOFER
250 W



grille included

LEGEND

ML 1800.3
COMP WOOFER
400 W



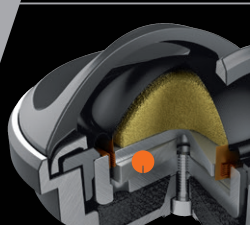
From R&D to
final product
KLIPPEL
since 2005

COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. program						
ML 1650.3	165 (6.5)	250	125	4	40 - 6.5k	93	36 (1.4)	Neodymium	Pressed-pulp cone with cotton fibres
ML 1800.3	180 (7)	400	200	4	38 - 6k	93	50 (2)	Neodymium	Pressed-pulp cone with cotton fibres

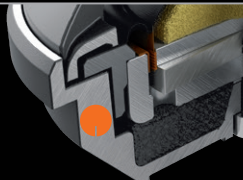
Mille

Legend

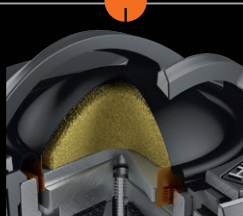
**NEODYMIUM
MAGNET**



**DIE-CAST ALUMINIUM
CASE TWEETER**



**TETOLON FIBER
DOME TWEETER**



**DIE -CAST ALUMINIUM
FACE PLATE TWEETER**



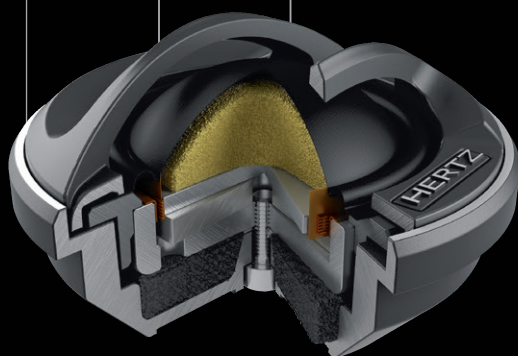
V-CONE®



**BOUNDARY FREE
SURROUND**



ALUMINIUM ALLOY BASKET



NEODYMIUM MAGNET

The motor assembly expands around a high thermal threshold Neodymium ring with unique sizes. It works immersed in a magnetic structure optimized for the best flux symmetry in the air gap, achieving amazing magnetic strength values and ensuring absolute thermal stability, bursting dynamics and total absence of dynamic compression.

DIE-CAST ALUMINIUM CASE TWEETER

The tweeter case is made up of die-cast aluminium, for a mechanically inert, acoustically transparent structure. The rear acoustic chamber has been optimized achieving 50% increase in overall volume, to extend response to lower frequency ranges with 900Hz resonance frequency.

TETOLON FIBER DOME TWEETER

Tetolon Fiber tweeter dome optimized for very low distortion and improved dispersion in higher frequency range, providing harmonic yet detailed sound.

DIE-CAST ALUMINIUM FACE PLATE TWEETER

Die-cast aluminium tweeter faceplate with profile optimized with FEA simulations to improve frequency response linearity and off-axis dispersion.

V-CONE®

The V-cone® profile prevents the cone from deforming during its excursion, ensuring a "piston-like" movement, thus maximizing the production of acoustic pressure. The exponential profile, with the absence of traditional dustcap, gets close to the perfect one, generating exceptional dispersion at mid-high frequencies.

BOUNDARY FREE SURROUND

This particular surround geometry provides the ability to achieve wider emission surface of the cone compared to speakers' traditional surround design of the same size; that way, the cone manages to move a bigger mass of air, producing more acoustic pressure. Highly pure IIR butyl rubber material has been accurately selected, ensuring optimal transient response damping and constant performances through wide working temperature range.

ALUMINIUM ALLOY BASKET

The midrange compact anti-resonant alloy basket features spider built-in vented holes. The holes, combined with the motor vented system, allow the cone to move as free as it needs making long excursions, eliminating every distortion due to acoustic compression phenomena.

LEGEND



ML 280.3
COMP TWEETER
180 W



grille included

LEGEND

ML 700.3
COMP MIDRANGE
100 W



COMP specifications	Size mm (in.)	Power Handling W Peak	Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Dome/Cone
ML 280.3	35 (1.38)	180 (Hi-Pass filtered @ 1,8kHz - 12dB Oct.)	4	1k - 28k	92	28 (1.1)	Neodymium	Tetolon fibre
ML 700.3	70 (3)	100 (Hi-Pass filtered @ 250Hz - 12dB Oct.)	4	200 - 20k	90	20 (0.8)	Neodymium	Pressed-pulp cone with cotton fibres

Mille

Legend

WIDE ARRAY
OF CONTROL

BI-AMPLIFICATION

EXTREMELY HIGH QUALITY
COMPONENTS

LEGEND

MLCX 2 TW.3
CROSSOVER
300 W

WIDE ARRAY OF CONTROL

Mid-Contour and Hi-Contour controls on MLCX 2 TW.3 are dedicated to the management of woofer cut-off frequency and tweeter cut-off frequency respectively to optimize the cross-point. Through each of these two Contour controls, featuring a two-position selector, the system frequency response can be fine-tuned according to woofer/tweeter location in the car. Contour controls provide also the ability of setting up a two way system with ML 1650.3 Legend or ML 1800.3 Legend woofer. Two additional controls have been dedicated to the tweeter: a three-position control for its emission level with 2 dB steps (+2/0/-2dB) attenuation and the Hi-Boost, a two-position selector providing the ability to emphasize the tweeter response beyond the 10kHz.

BI-AMPLIFICATION

Through a solidly built switch, the MLCX 2 TW.3 crossover provides the ability to realize a bi-wired or a bi-amplified system, to make it possible to drive woofer and tweeter separately. With bi-amplified configuration the significant power increase highlights all the features of a speakers system, with the benefits coming from the multi-amplification.

EXTREMELY HIGH QUALITY COMPONENTS

160V bi-metallized polyester film capacitors with ultra-low DF, for maximum sound transparency and neat mid/hi-frequencies. Air wound inductors built on pure copper-wire with up to 1mm diameter, for high saturation threshold of the magnetic flux and low losses on the woofer section where high transient currents are demanded. High power rating Wirewound resistors, to ensure performance stability even at high operating temperature.

From R&D to
final product
KLIPPEL
since 2005

CROSSOVER specifications	Size mm (in.)	Specific Components	Power Handling W		Crossover Type	Cut-off frequency	Adjustment
			Peak	Continuous			
MLCX2 TW.3	195 x 119 x 41 (7.67 x 4.68 x 1.61)	ML 280.3 ML 1650.3 ML 1800.3	300	150	Lo-pass 6 dB Oct. Hi-pass 12 dB Oct.	2.5 kHz (Mid/Hi-Cont. = ON) 3.5 kHz (Mid/Hi-Cont. = OFF)	Tweeter +2 / 0 / -2 dB Hi-Boost ON / OFF Hi-Contour ON / OFF Mid-Contour ON / OFF Bi-Amp ON / OFF



ML 1650.3
ML 700.3
ML 165.3



LEGEND



LEGEND



LEGEND



SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Crossover included	Adjustment
	Woofer	Midrange	Tweeter	Peak	Continuous					
MLK 1650.3	ML 1650.3 165 (6.5)	-	ML 280.3 35 (1.38)	300	150	4	40 ÷ 28k	93	MLCX 2 TW.3	Tweeter +2 / 0 / -2 dB Hi-Boost ON / OFF Hi-Contour ON / OFF Mid-Contour ON / OFF Bi-Amp ON / OFF
MLK 165.3	ML 165.3 165 (6.5)	-	ML 28.3 35 (1.38)	300	150	4	40 ÷ 25k	92	MLCX 165.3	Tweeter +2 / 0 / -2 dB Hi-Contour ON / OFF
MLK 700.3	-	ML 700.3 70 (3)	ML 280.3 35 (1.38)	200	100	4	200 ÷ 28k	90	MLCX2TM.3	Tweeter Level +2 / 0 / -2 dB Mid-Notch 0 / -4 / -6 dB

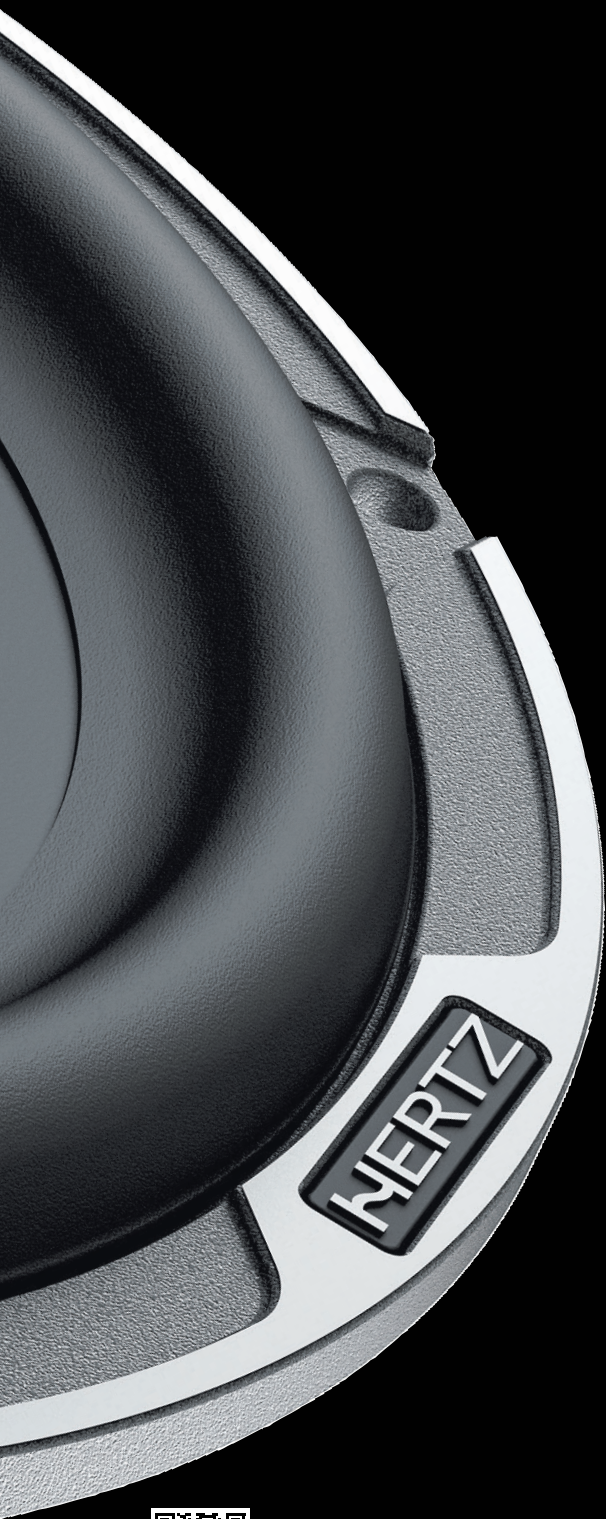
The Sound Experience

 **HERTZ**

PASSION FOR
INNOVATION,
LOVE FOR MUSIC



Pro Mille



SYSTEMS, COAXIALS AND **MILLE PRO** COMPONENTS ARE DEDICATED TO THE ENTHUSIASTS YEARNING FOR THE AUTHENTIC **HERTZ MILLE LISTENING EXPERIENCE**, GENERATING EMOTIONS AND RE-SETTING AGAIN THE PERFORMANCE LEVELS WITHIN THAT PRODUCT CLASS.



Mille

Pro

V-CONE®

MASSIVE MAGNET

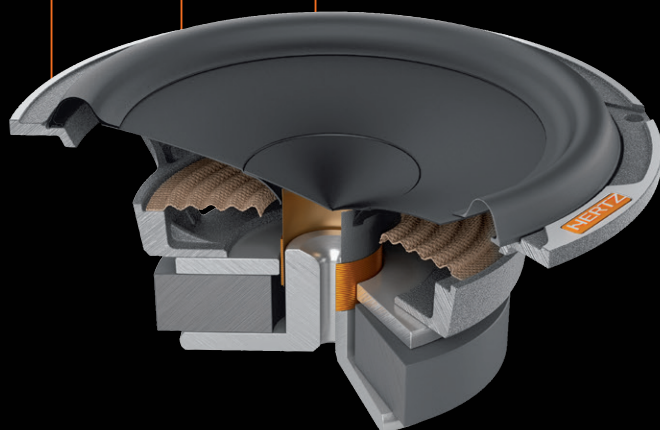
3Ω

BOUNDARY FREE SURROUND

3 Ω IMPEDANCE, LONG THROW VOICE COIL

BOUNDARY FREE SURROUND

ALUMINIUM ALLOY BASKET



V-CONE®

The exponential V-cone® combines stiffness and lightweight for wide frequency response. Its profile prevents the cone from deforming during its excursion, ensuring a "piston-like" movement, maximizing the production of acoustic pressure.

MASSIVE MAGNET

The huge ferrite magnet diameter employed on MP 165P.3 (95mm) and MP 165.3 (85mm) ensures tight control of the voice over the whole excursion, for an energetic sound in the lower midrange region and well damped low frequency response.

3 Ω IMPEDANCE, LONG THROW VOICE COIL

Both MP 165P.3 and MP 165.3 have been equipped with a generous voice coil winding height up to 14mm in MP 165P.3, guaranteeing low intermodulation distortion in the vocals while playing high excursion bass transients. MP 165P.3 employs a 3 Ω nominal impedance voice coil providing the ability to maximally exploit the power of the Hertz HCP and HDP amplifiers as well as all the 2 Ω stable electronics.

BOUNDARY FREE SURROUND

The unique surround geometry provides the ability to achieve wider emission surface of the cone compared to speakers' traditional surround design of the same size; that way, the cone is capable of moving a bigger mass of air, producing higher acoustic pressure. Highly pure butyl rubber material has been accurately selected, ensuring optimal transient response damping ratio and constant performances through a wide operating temperature range.

ALUMINIUM ALLOY BASKET

The woofer compact anti-resonant alloy basket features spider built-in vented holes. Thanks to the holes, as well as the motor vented system, the cone can move as free as it needs, performing long excursions, eliminating every distortion due to acoustic compression phenomena. The structure self-standing geometry adds to the overall mechanical damping, resulting absolutely transparent to sound.

SCAN, DISCOVER, IDENTIFY

Thanks to eID (Elettromedia Identification) technology, when purchasing the product, the user can check through the web the information about the product by scanning the eID code. When proceeding to register the product, by filling in the on-line form, the user will be entitled to one additional year of warranty coverage*.

*in those countries where the agreement with the partner has been made.



PRO

MP 165.3
COMP WOOFER
180 W



PRO

MP 165P.3
COMP WOOFER
200 W



MPG 165.3
optional grille



COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. program						
MP 165.3	165 (6.5)	180	90	4	40 - 5k	93	25 (1)	High density flux ferrite	Pressed-pulp cone with cotton fibres
MP 165P.3	165 (6.5)	200	100	3	45 - 4.5k	94	25 (1)	High density flux ferrite	Pressed-pulp cone with cotton fibres

Mille

Pro

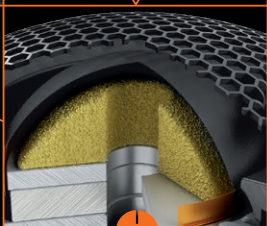
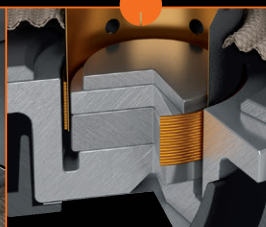
V-CONE®



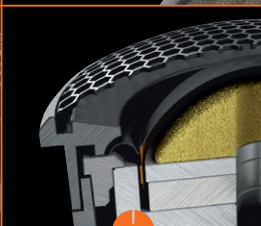
BOUNDARY FREE
SURROUND



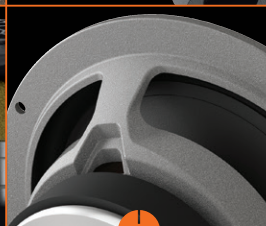
SYMMETRICAL DUAL
NEODYMIUM MAGNET



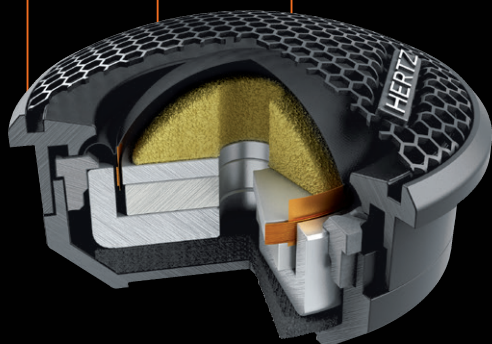
TETOLON FIBER
DOME TWEETER
CENTER TUNING DUCT
TWEETER GEOMETRY



FEM OPTIMIZED
FACEPLATE
NEODYMIUM
MAGNET TWEETER



ALUMINIUM ALLOY BASKET



TETOLON FIBER DOME TWEETER

The 25mm CCAW voice coil and the Tetolon fiber soft dome provide very natural yet detailed reproduction of musical nuances.

CENTER TUNING DUCT TWEETER GEOMETRY

The "Center Tuning Duct" technology ensures perfect exchange of air between dome and rear load chamber, fine-tuning the tweeter acoustics to perfection. The resulting very low resonance frequency is also functional to a lower crossover point with the woofer, elevating the sound stage.

FEM OPTIMIZED FACEPLATE

The tweeter faceplate features a geometry optimized with FEM (Finite Element Modeling) simulations, for high linearity in off-axis installations.

NEODYMIUM MAGNET TWEETER

High density flux Neodymium magnet, providing utmost control during dynamic musical transients in the mid-high frequency range.

ALUMINIUM ALLOY BASKET

The midrange compact anti-resonant alloy basket features spider built-in vented holes. An anti-vibration rubber magnet cover damps spurious vibrations and is removable to fit limited mounting depth installations.

V-CONE®

The midrange V-cone® profile has been developed for extended high frequency response up to 18kHz combined with exceptional dispersion at mid-high frequencies. The surround set-up shows a low resonance frequency to enhance the elevation of the virtual sound stage.

BOUNDARY FREE SURROUND

The unique surround geometry of the midrange provides the ability to achieve wider emission surface of the cone compared to speakers' traditional surround design of the same size; that way, the cone is capable of moving a bigger mass of air, producing higher acoustic pressure.

Highly pure butyl rubber material has been accurately selected, ensuring optimal transient response damping ratio and constant performances through a wide operating temperature range.

SYMMETRICAL DUAL NEODYMIUM MAGNET

MP 70.3 features a Symmetrical Dual Neodymium magnet structure accurately developed with FEM (Finite Element Modeling) simulations, for superior dynamics and control. The two neodymium magnets work immersed in a magnetic structure optimized for best flux symmetry in the air gap, achieving amazing magnetic strength values and ensuring absolute thermal stability, bursting dynamics and total absence of dynamic compression.

PRO

MP 25.3 COMP TWEETER 120 W



Mounting Accessories provided with
MP 25.3, MPK 130.3, MPK 165.3,
MPK 165P.3, MPK 163.3.

PRO

MP 70.3 COMP MIDRANGE 100 W



grille included

PRO

MPCX 2 TM.3 CROSSOVER



MPCX 2TM.3 – THREE WAY APPLICATION CROSSOVER

Passive crossover specifically developed for MP 70.3 and MP 25.3 when installed in a 3-way multi-amplification system and combined with an MP 165.3/MP 165P.3 woofer actively driven. Two-position switch for tweeter level adjustment is provided to fine-tune the transducers emission.

EXTREMELY HIGH QUALITY COMPONENTS

100V bi-metallized polyester film capacitors with ultra-low DF, for maximum sound transparency. Pure copper air wound inductors providing very linear yet natural mid-high frequency acoustic reproduction.

From R&D to
final product
KLIPPEL
since 2005

COMP specifications	Size mm (in.)	Power Handling W	Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Dome (MP 25.3) Cone
		Peak						
MP 25.3	29 (1.14)	120 (Hi-Pass filtered @ 2,5kHz - 12dB Oct.)	4	1.4k - 22.5k	91	25 (1)	Neodymium	Tetolon fibre
MP 70.3	70 (3)	100 (Hi-Pass filtered @ 250Hz - 12dB Oct.)	4	180 - 18k	88	20 (0.8)	Neodymium	Pressed-pulp cone with cotton fibres

CROSSOVER specifications	Size mm (in.)	Specific Components	Crossover Type	Cut-off frequency	Adjustment
MPCX 2 TM.3	102 x 76.5 x 37 (4.02 x 3.01 x 1.46)	MP 25.3 MP 70.3	Lo-pass 6 dB Oct. Hi-pass 12 dB Oct.	5.5 kHz	Tweeter Level 0 / +2 dB

Mille

Pro

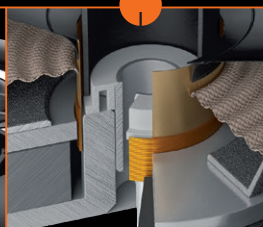
BOUNDARY FREE SURROUND



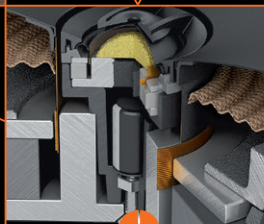
FEM OPTIMIZED FACEPLATE & ACOUSTIC LENS



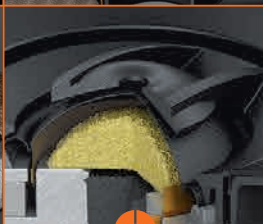
36 / 38 mm (1.4" / 1.5") DOUBLE LAYER VOICE COIL



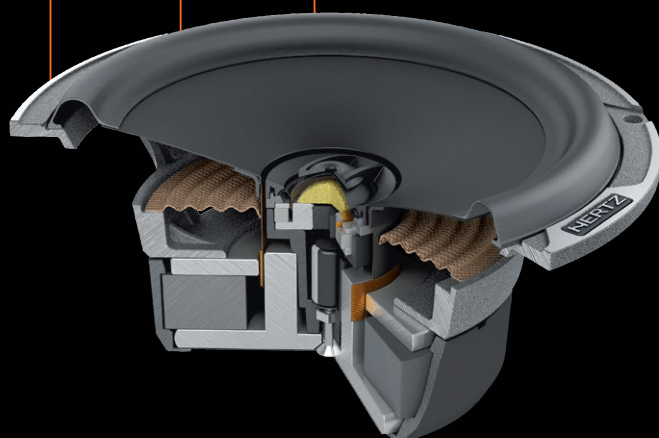
CENTER TUNING DUCT TWEETER GEOMETRY



20mm SOFT DOME CONCENTRIC COAXIAL TWEETER



ALUMINIUM ALLOY BASKET



BOUNDARY FREE SURROUND

The unique surround geometry provides the ability to achieve wider emission surface of the cone on MPX 165.3 compared to speakers' traditional surround design of the same size; that way, the cone is capable of moving a bigger mass of air, producing higher acoustic pressure. Highly pure butyl rubber material has been accurately selected, ensuring optimal transient response damping ratio and constant performances through a wide operating temperature range.

FEM OPTIMIZED FACEPLATE & ACOUSTIC LENS

The MPX 690.3 tweeter faceplate geometry has been refined with FEM (Finite Element Modeling) simulations, to provide excellent 90° off-axis frequency response up to 24kHz by perfectly mixing the two tweeters' emission. The acoustic lens employed on MPX 165.3 optimizes its off-axis response, which is typical with door installation of coax speakers.

36 / 38 mm (1.4" / 1.5") DOUBLE LAYER VOICE COIL

To ensure extraordinary power handling and very low dynamic compression, even with tracks especially rich of bass frequencies, Mille PRO coaxials feature extraordinary large mobile voice coil. MPX 165.3 PRO mounts a 36 mm (1.4") voice coil, to ensure outstanding power handling and dynamic, compression-free reproduction. MPX 690.3 PRO employs a specific 38 mm (1.5") diameter mobile voice coil, designed to provide an extended frequency response down to the first octaves of the audio spectrum.

CENTER TUNING DUCT TWEETER GEOMETRY

The "Center Tuning Duct" technology on the MPX 165.3 tweeter ensures perfect exchange of air between dome and load chamber support, tuning the acoustics to perfection. The resulting very low resonance frequency is also functional to a lower crossover point with the woofer, elevating the sound stage.

20mm SOFT DOME CONCENTRIC COAXIAL TWEETER

The 20mm Tetolon fiber soft dome Concentric coaxial tweeter built in the MPX 165.3 woofer voice coil provides one single point of emission, re-creating the virtual sound-stage like in live music performances. The linear off-axis timber balance has been reached through a fine combination of the woofer natural midrange roll-off and the low dispersion tweeter performance, all taking into account the absence of any external crossover network because built into the tweeter support.

ALUMINIUM ALLOY BASKET

The woofer compact anti-resonant alloy basket features spider built-in vented holes. Thanks to the holes, as well as the motor vented system, the cone can move as free as it needs, performing long excursions, eliminating every distortion due to acoustic compression phenomena. The structure self-standing geometry adds to the overall mechanical damping, resulting absolutely transparent to sound.

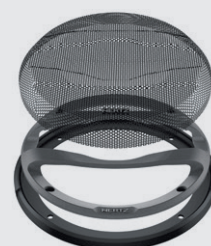
SCAN, DISCOVER, IDENTIFY

Thanks to eID (Elettromedia Identification) technology, when purchasing the product, the user can check through the web the information about the product by scanning the eID code. When proceeding to register the product, by filling in the on-line form, the user will be entitled to one additional year of warranty coverage*.

*in those countries where the agreement with the partner has been made.

PRO

MPX 165.3
2 WAY COAXIAL
200 W



included

PRO

MPX 690.3
3 WAY COAXIAL
260 W



included



COAX specifications	Size mm (in.)			Power Hand. W		Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Magnet	Woofer/Cone	Tweeter/Dome
	Woofer	Tweeter	Supertweeter	Peak	Cont.						
MPX 165.3	165 (6.5)	25 (1)	-	200	100	4	45 - 21.5k	92	High density flux ferrite / Neodymium	Pressed-pulp cone with cotton fibers	Tetolon
MPX 690.3	(6 x 9)	35 (1.5)	29 (1.14)	260	130	4	30 - 24k	94			

Mille

Pro

PRO



MPK 165.3
2 WAY SYSTEM
220 W



MP 165.3
MP 165P.3
MP 130.3
MP 70.3

PRO



MPK 165P.3
2 WAY SYSTEM
230 W

SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Crossover included	Adjustment
	Woofer	Midrange	Tweeter	Peak	Continuous					
MPK 165.3	MP 165.3 165 (6.5)	-	MP 25.3 29 (1.14)	220	110	4	40 ÷ 22,5k	92	MPCX 2.3	Tweeter Level 0 / +2 dB
MPK 165P.3	MP 165P.3 165 (6.5)	-	MP 25.3 29 (1.14)	230	115	3	45 ÷ 22,5k	93	MPCX 2P.3	Tweeter Level 0 / +2.5 dB

PRO



MPK 130.3
2 WAY SYSTEM
200 W

included

PRO



MPK 163.3
3 WAY SYSTEM
300 W

included



SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Crossover included	Adjustment
	Woofer	Midrange	Tweeter	Peak	Continuous					
MPK 130.3	MP 130.3 130 (5)	-	MP 25.3 29 (1.14)	200	100	4	60 ÷ 22,5k	91	MPCX 2.3	Tweeter Level 0 / +2 dB
MPK 163.3	MP 165.3 165 (6.5)	MP 70.3 70 (3)	MP 25.3 29 (1.14)	300	150	4	40 ÷ 22,5k	92	MPCX 3.3	Tweeter Level 0 / +2 dB Midrange level 0 / +2 dB

MONITORING LEDS

4 LEDs monitor amplifier status and communicate with the user in real time. This system, while allowing the amplifier to operate, also identifies installation faults and leads to eliminate them.

HDP IN & ART

HDP IN system provides to interface with any OEM (through the Speaker In) and aftermarket (through the RCA In) sources. Using Speaker In inputs, the ART™ (Automatic Remote Turn On-Off) function is available; the user can also switch it off.



HDP ELECTRONICS

Power supply stage featuring toroidal transformers with multi-layered windings, powerful T220 (for HDP 1) and T220-5pin with dual inside device (for HDP 4 and HDP 5) Mosfets.

OPTIMIZED HEATSINK

The heatsink boasts extremely efficient thermal conductivity, combined with exclusive cosmetics: scratch-resistant finish, end caps shaped for easy handling, control panel accessible from the top as well as a featured back lit Hertz logo which can also be rotated.

HERTZ DIGITAL POWER



MAXIMUM POWER
MAXIMUM QUALITY
MINIMUM SIZE

HERTZ DIGITAL POWER PROJECT DELIVERS HIGH POWER LEVELS WHILE MAINTAINING HIGH EFFICIENCY, IN A COMPACT FOOTPRINT CHASSIS SIZE REQUIRED IN TODAY'S MODERN INSTALLATIONS. IT HAS INHERITED ALL THE TECHNOLOGIES WHICH MADE HERTZ ELECTRONICS SUCCESSFUL, WITH FURTHER ADVANCED PERFORMANCE.



www.hertzaudiovideo.eu

HDP

The Sound Experience

1000 W MAX POWER

HDP 1
D-CLASS MONO
AMPLIFIER



1000 W MAX POWER

HDP 4
D-CLASS
FOUR CHANNEL
AMPLIFIER




HRC
SUB VOLUME
REMOTE CONTROL
optional

950 W MAX POWER

HDP 5

D-CLASS
FIVE CHANNEL
AMPLIFIER



AMP specifications			HDP 1	HDP 4	HDP 5
Channel Mode			1	4 - 3 - 2	5 - 3
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	600 x 1	150 x 4	70 x 4 + 380 x 1
	@ 2Ω	W x ch	1000 x 1	250 x 4	100 x 4 + 550 x 1
	@ 4Ω	W x ch (3 ch)	-	150 x 2 + 500 x 1	-
	@ 2Ω + 4Ω	W x ch (3 ch)	-	250 x 2 + 500 x 1	-
	@ 4Ω + 2Ω	W x ch (3 ch)	-	-	200 x 2 + 550 x 1
	@ 4Ω	W x ch (2 ch)	-	500 x 2	-
Filters	Bypass		-	Yes	A&B: Yes
	Hi-Pass	Hz @ dB/Oct.	-	A: 50 ÷ 5k @ 12 B: 80 ÷ 3.3k @ 12	A: 40 ÷ 150 @ 12 B: 80 ÷ 3.3k @ 12
	Lo-Pass	Hz @ dB/Oct.	40 ÷ 150 @ 24	A: 50 ÷ 5k @ 12 B: 80 ÷ 3.3k @ 12	C: 40 ÷ 150 @ 24
	Band-Pass	Hz @ dB/Oct.	-	-	A: 40 ÷ 150 (Hi) @ 12 80 ÷ 3.3k (Lo) @ 12
Subsonic	Hi-Pass	Hz @ dB/Oct.	18 ÷ 40 @ 24	-	-
Sub Volume Remote Control		(-50 ÷ 6) dB	Yes	-	Yes
Pre-Out	Bypass		Yes	Yes	-
Phase	Degree		0 ÷ 180	-	-
Distortion - THD	100 Hz @ 4Ω	%	0.08	0.08	0.08
S/N Ratio	Sensitivity @ 1 V RMS	dBA	103	100	A&B: 100 - C: 106
Damping factor	100 Hz @ 4Ω		100	50	A&B: 50 - C: 100
Size W x D x H		mm	171 x 344 x 46,70	171 x 284 x 46,70	171 x 344 x 46,70
		in.	6.7 x 13.5 x 1.8	6.7 x 11.2 x 1.8	6.7 x 13.5 x 1.8
	RMS Output Power	4Ω, ≤1% THD +N, 14.4 V	600 x 1	120 x 2	60 x 4 + 310 x 1
	S/N Ratio	Ref. 1 W Output	83.5	80	60 W: 80 - 310 W: 84



HIGHLY DYNAMIC BASS, STARTLING POWER HANDLING

HI-ENERGY SUBWOOFERS REACH TOP-OF-THE LINE PERFORMANCES IN BASS FREQUENCY REPRODUCTION RANGE THANKS TO ITS CUTTING-EDGE TECHNOLOGY.

V-CONE®

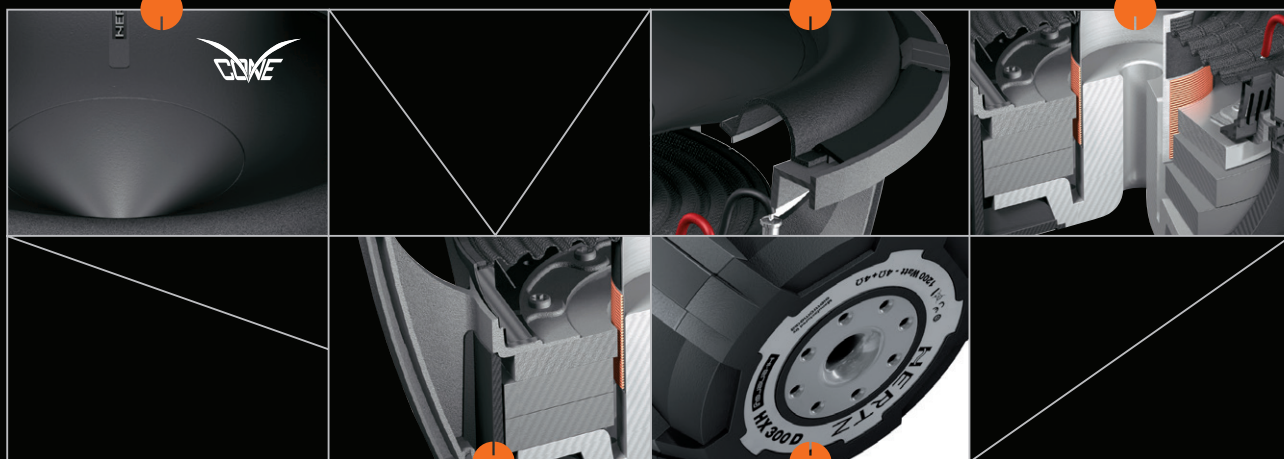
The V-cone® profile prevents the cone from deforming during its course, ensuring that the "piston" is working in proper position, maximizing the production of acoustic pressure.

FRONT-BACK GASKET

this unique solution provides the ability to screw the basket on the front or on the back, for unparalleled cosmetic finish.

OVERSIZED MOTOR

the powerful ferrite magnet provides constant flux density and ensures that the maximum amount of energy is transferred directly to the voice coil.



ALUMINIUM BASKET

the low incidence five spoke, anti-resonant aluminium alloy basket reduces back wave reflections and provides high mechanical damping, eliminating rear wave reflections.

RADIAL VENTED SYSTEM

the cooling system limits compression and increases mobile voice coil thermal capacity, enhancing dynamics and power handling.





HX 250 / HX 250 D
HX 300 / HX 300 D
HX 380 / HX 380 D



HGR 250
HGR 300
HGR 380

optional grille



DOUBLE
VOICE COIL



HX 250
HX 250 D
SUBWOOFER

900 W



HX 300
HX 300 D
SUBWOOFER

1200 W



HX 380
HX 380 D
SUBWOOFER

1400 W



SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
HX 250	250 (10)	900	450	4	34 ÷ 800	89	65 (2.6)	Double magnet, high density flux ferrite	Polypropylene with Mica injection	23 (0.9)
HX 300	300 (12)	1200	600	4	28 ÷ 700	90	65 (2.6)			23 (0.9)
HX 380	380 (15)	1400	700	4	25 ÷ 600	92	65 (2.6)			23 (0.9)
HX 250D	250 (10)	900	450	4 + 4	34 ÷ 800	88	65 (2.6)	Dual voice coil, double magnet, high density flux ferrite		23 (0.9)
HX 300D	300 (12)	1200	600	4 + 4	28 ÷ 700	90	65 (2.6)			23 (0.9)
HX 380D	380 (15)	1400	700	4 + 4	25 ÷ 600	92	65 (2.6)			23 (0.9)

ART

Automatic Remote Turn-On/Off function, automatically turns the amplifier on and off with the OEM radio; eliminates the need for a remote signal from the source when using the Speaker-In. This function can also be disabled.

REFINED HEATSINK WITH HIGH CONVECTION CAPABILITY

The extruded aluminum heatsink provides high efficiency thermal performance; using the top side of the heatsink to effectively dissipate the heat generated by the electronic components. The internal temperature remains constant at all power levels.



HCP ELECTRONICS

Special balanced input circuitry rejects electro-magnetic disturbances present on the Pre-amplified or Speaker level inputs. Power supply stage features a multiple winding transformer and 105°C Low-ESR primary capacitors.

COMPLETED FILTER SECTION

Large array of filters customized for each model, to achieve maximum versatility: Lo-Pass, Hi-Pass, Band-Pass, Full Range, Subsonic, Bass Boost, Phase and Mono. Filtered pre-amplified outputs along with multiple adjustments are featured on the HCP 1D, offering the user endless connection possibilities with any source.

HERTZ COMPACT POWER

MINIMIZED SIZES HAVE BEEN ACHIEVED THANKS TO THE USE OF BOTH D AND AB CLASS CIRCUITS; HERTZ COMPACT POWER AMPLIFIERS ARE HIGHLY VERSATILE AND HAVE COMPARABLY HIGH POWER LEVELS; ALL AVAILABLE IN A LINE OF VERY COMPETITIVE MODELS.

A GROUND-BREAKING COMBINATION OF COMPACT POWER AND HIGH VALUE





HCP 1DK

D-CLASS MONO
AMPLIFIER WITH
CROSSOVER

2480 W MAX POWER



HCP 1D

D-CLASS MONO
AMPLIFIER

1400 W MAX POWER



HCP 2X

STEREO AMPLIFIER
WITH CROSSOVER

800 W MAX POWER






HCP 2
STEREO
AMPLIFIER



400 W MAX POWER

AMP specifications			HCP 1DK	HCP 1D	HCP 2X	HCP 2
Channel Mode			1	1	1 - 2	2 - 1
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	740 x 1	380 x 1	120 x 2	65 x 2
	@ 2Ω	W x ch	1240 x 1	700 x 1	200 x 2	100 x 2
	@ 4Ω	W x ch (3 ch)	-	-	-	-
	@ 2Ω + 4Ω	W x ch (3 ch)	-	-	-	-
	@ 4Ω + 2Ω	W x ch (3 ch)	-	-	-	-
	@ 4Ω	W x ch (2 ch)	-	-	-	-
Filters	@ 4Ω	W x ch (mono)	-	-	400 x 1	200 x 1
	Bypass		Yes	Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	-	-	50 ÷ 3,2k @ 12	80 @ 12
	Lo-Pass	Hz @ dB/Oct.	50 ÷ 250 @ 24	50 ÷ 250 @ 24	50 ÷ 3,2k @ 12	50 ÷ 500 @ 12
Subsonic	Band-Pass	Hz @ dB/Oct.	-	-	-	-
	Hi-Pass	Hz @ dB/Oct.	25 @ 24	25 @ 24	-	-
Boost	dB	gain @ 50 Hz	0 ÷ 6	0 ÷ 12	0/3/6	0 / 6 / 12
Sub Volume Remote Control		(-50 ÷ 6) dB	Yes	Yes	-	-
Phase	Degree		0 ÷ 180	0 ÷ 180	-	-
Pre-Out	Bypass		-	-	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	50 ÷ 250 @ 12	50 ÷ 250 @ 12	50 ÷ 3,2k @ 12	-
Distortion - THD	100 Hz @ 4Ω	%	0.25	0.2	0.03	0.01
S/N Ratio	Sensitivity @ 1 V RMS	dBA	100	100	105	103
Damping factor	100 Hz @ 4Ω		100	80	300	200
Size W x D x H		mm	315 x 190 x 50	215 x 190 x 50	315 x 190 x 50	215 x 190 x 50
		in.	12.40 x 7.48 x 1.97	8.46 x 7.48 x 1.97	12.40 x 7.48 x 1.97	8.46 x 7.48 x 1.97
	RMS Output Power	4Ω, ≤1% THD +N, 14.4 V	600 x 1	300 x 1	100 x 2	50 x 2
	S/N Ratio	Ref. 1 W Output	80	80	83	82

HCP

The Sound Experience



HCP 4D
D-CLASS
FOUR CHANNEL
AMPLIFIER

1160 W MAX POWER



HCP 4
FOUR CHANNEL
AMPLIFIER

760 W MAX POWER



HRC
SUB VOLUME
REMOTE CONTROL
optional




HCP 5D
D-CLASS
FIVE CHANNEL
AMPLIFIER



1500 W MAX POWER

AMP specifications

			HCP 4D	HCP 4	HCP 5D
Channel Mode			4 - 3 - 2	4 - 3 - 2	5 - 3
Output Power (RMS) @ 14.4 VDC	@ 4Ω	W x ch	85 x 4	65 x 4	65 x 4 + 200 x 1
	@ 2Ω	W x ch	145 x 4	95 x 4	105 x 4 + 330 x 1
	@ 4Ω	W x ch (3 ch)	85 x 2 + 290 x 1	65 x 2 + 190 x 1	210 x 2 + 200 x 1
	@ 2Ω + 4Ω	W x ch (3 ch)	145 x 2 + 290 x 1	95 x 2 + 190 x 1	-
	@ 4Ω + 2Ω	W x ch (3 ch)	-	-	210 x 2 + 330 x 1
	@ 4Ω	W x ch (2 ch)	290 x 2	190 x 2	-
	@ 4Ω	W x ch (mono)	-	-	-
Filters	Bypass		Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	A/B: 50 ÷ 3.2k @ 12	A/B: 80 @ 12	A: 50 ÷ 5k @ 12 B: 50 ÷ 500 @ 12
	Lo-Pass	Hz @ dB/Oct.	A/B: 50 ÷ 3.2k @ 12	A/B: 50 ÷ 500 @ 12	C: 50 ÷ 500 @ 24
	Band-Pass	Hz @ dB/Oct.	-	-	B: 50 ÷ 500 (Hi) @ 12 B: 50 ÷ 5k (Lo) @ 12
Subsonic	Hi-Pass	Hz @ dB/Oct.	-	-	25 @ 24
Boost	dB	gain @ 50 Hz	0 ÷ 12	0 / 6 / 12	0 ÷ 12
Sub Volume Remote Control		(-50 ÷ 6) dB	-	-	Yes
Phase	Degree		-	-	-
Pre-Out	Bypass		Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	-	-	-
Distortion - THD	100 Hz @ 4Ω	%	0.02	0.01	0.02
S/N Ratio	Sensitivity @ 1 V RMS	dBA	100	103	100
Damping factor	100 Hz @ 4Ω		200	120	A&B: 100 - C: 250
Size W x D x H		mm	215 x 190 x 50	315 x 190 x 50	345 x 190 x 50
		in.	8.46 x 7.48 x 1.97	12.40 x 7.48 x 1.97	13.58 x 7.48 x 1.97
	RMS Output Power	4Ω, ≤1% THD+N, 14.4 V	70 x 4	50 x 4	50 x 4 + 150 x 1
	S/N Ratio	Ref. 1 W Output	80	82	50 W: 83 - 150 W: 85

HERTZ

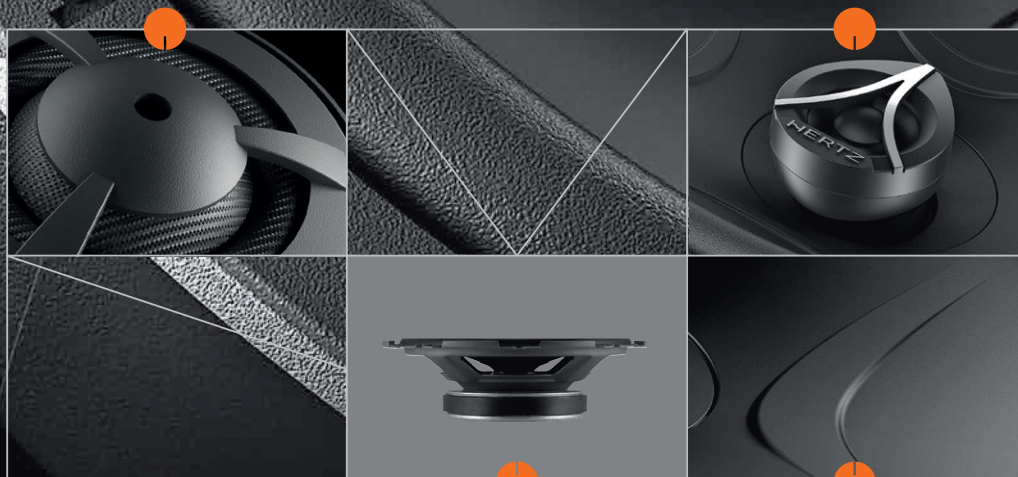


EVOLUTION OF TWEETER

The ET 26.5 geometry features a wide roll external surround as well as an efficient, highly linear annular acoustic lens, actively adding to its emission capability, increasing the overall SPL and lowering the resonance frequency.

ANGLED TWEETER WITH RHFC TECHNOLOGY

To increase sound linearity, the tweeter position is angled a further 10°; together with the RHFC (Rotary High Frequency Contour) technology, it provides the ability to control dispersion and obtain an ideal frequency response.



ULTRA FLAT

Small size for installations without limits. An accurate study of the components' profile led to more compact baskets and motor assemblies. EV F165.5 is a specific woofer which requires only 43 mm (1.7 in.) of depth to be installed!

PERFECTLY SYMMETRICAL EXCURSION

Deep surface ribbings increasing rigidity; together with the proprietary V-cone®, they ensure perfectly symmetrical excursion of the membrane, for a solid, clean sound.

The image features a large, close-up view of a Hertz speaker on the left, with the brand name 'HERTZ' visible on its frame. In the upper right, there is an orange geometric shape containing the 'energy' logo in white. Below this, a smaller Hertz speaker is shown with its tweeter and a separate tweeter dome. The background is dark with some orange geometric lines.

energy

EFFICIENT, VERSATILE, INSTALLATION-FRIENDLY

ENERGY.5 LOUDSPEAKERS ASSURE RELIABILITY AND EFFICIENCY, WHICH MARKED THE SUCCESS OF THIS LINE SINCE ITS FIRST RELEASE. EACH ENERGY.5 COMPONENT HAS BEEN DEVELOPED WITH THE PURPOSE OF INCREASING HIGH-PERFORMANCE AND OPTIMIZING THE OVERALL SIZE; THE RESULT IS A THRILLING LINE THAT REPRESENTS THE IDEAL SOLUTION TO UPGRADE OEM SYSTEMS.



www.hertzaudiovideo.eu



ET 26.5

TWEETER
150 W



EMV 100.5

MIDWOOFER
120 W



EV 130.5

WOOFER
150 W

Mounting Accessories provided with
ESK 130.5, ESK 165.5, ESK 165L.5,
ESK F165.5, ESK 163L.5, ET 26.5



EV 165.5

WOOFER
210 W



EV 165L.5

WOOFER
210 W



EV F165.5

WOOFER
180 W

COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone
		Peak	Cont. prog.					
ET 26.5	26 (1)	150 (Hi-Pass filtered @ 3.5 kHz - 12 dB/Oct.)	-	4	2k ÷ 23k	92	Neodymium	Tetolon fibre
EMV 100.5	100 (4)	120	40	4	80 ÷ 7,5k	91	High density flux ferrite	Water repellent pressed paper
EV 130.5	130 (5)	150	50	4	70 ÷ 6k	93		Water repellent non-pressed paper
EV 165.5	165 (6.5)	210	70	4	60 ÷ 5k	93,5		Water repellent non-pressed paper
EV 165L.5	165 (6.5)	210	70	4	50 ÷ 4k	92		Water repellent pressed paper
EV F165.5	165 (6.5)	180	60	4	65 ÷ 4k	93,5		

ECX 100.5

2 WAY COAXIAL
100 W



ECX 130.5

2 WAY COAXIAL
150 W



ECX 165.5

2 WAY COAXIAL
210 W



ECX 100.5
ECX 130.5
ECX 165.5
ECX 570.5

ECX 570.5

2 WAY COAXIAL

210 W



ECX 690.5

3 WAY COAXIAL

300 W



included

COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet WF/TW	Woofer/ Cone	Tweeter/ Dome
	Woofer	Tweeter	SuperTweeter	Peak	Cont. prog.						
ECX 100.5	100 (4.0)	24 (0.9)	-	120	40	4	80 ÷ 23k	92	High density flux ferrite / Neodymium	Water repellent pressed paper	PEI
ECX 130.5	130 (5.0)	24 (0.9)	-	150	50	4	70 ÷ 23k	93			
ECX 165.5	165 (6.5)	24 (0.9)	-	210	70	4	60 ÷ 23k	94			
ECX 570.5	(5 x 7)	24 (0.9)	-	210	70	4	60 ÷ 23k	94			
ECX 690.5	(6 x 9)	40 (1.58)	15 (0.6)	300	100	4	40 ÷ 23k	95			



ESK 130.5
2 WAY SYSTEM
225 W



included



ESK 165.5
2 WAY SYSTEM
305 W



included





ESK 165L.5
2 WAY SYSTEM
300 W

included



ESK F165.5
2 WAY SYSTEM
270 W

included



EMV 100.5
EV 130.5
EV 165.5
EV 165L.5



EV F165.5



ET 26.5



ESK 163L.5
3 WAY SYSTEM
375 W

included

SYSTEM specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Crossover included
	Woofer	Midrange	Tweeter	Peak	Continuous				
ESK 130.5	EV 130.5 130 (5)	-	ET 26.5 26 (1)	225	75	4	70 ÷ 23k	93	LP/HP @ 3kHz - 6/12 dB Oct.
ESK 165.5	EV 165.5 165 (6.5)	-	ET 26.5 26 (1)	300	100	4	60 ÷ 23k	93,5	LP/HP @ 3kHz - 6/12 dB Oct.
ESK 165L.5	EV 165L.5 165 (6.5)	-	ET 26.5 26 (1)	300	100	4	50 ÷ 23k	92	LP/HP @ 3kHz - 6/12 dB Oct.
ESK F165.5	EV F165.5 165 (6.5)	-	ET 26.5 26 (1)	270	90	4	65 ÷ 23k	93,5	LP/HP @ 3kHz - 6/12 dB Oct.
ESK 163L.5	EV 165L.5 165 (6.5)	EMV 100.5 100 (4)	ET 26.5 26 (1)	375	125	4	50 ÷ 23k	92	LP/BP/HP @ 600 Hz - 12/6 dB Oct. 6kHz - 6/12 dB Oct.



ES 200.5
SUBWOOFER
1000 W

ES 250.5
ES 250D.5
SUBWOOFER
750 W



ES 300.5
ES 300D.5
SUBWOOFER
1050 W

ES 380.5
SUBWOOFER
1350 W



ES F20.5
SUBWOOFER
600 W

ES F25.5
SUBWOOFER
900 W

ES F30.5
SUBWOOFER
1050 W



ESG 200 GR
ESG 250 GR
ESG 300 GR
ESG 380 GR
optional grille

SUB COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
ES 200.5	200 (8)	600	200	4	30 ÷ 400	88,5	50 (2)	Double magnet, high density flux ferrite	Water repellent pressed paper	13,5 (0.53)
ES 250.5	250 (10)	750	250	4	28 ÷ 300	89,5	50 (2)			16 (0.63)
ES 300.5	300 (12)	1050	350	4	25 ÷ 250	92	60 (2.36)			16 (0.63)
ES 380.5	380 (15)	1350	450	4	20 ÷ 200	92,5	60 (2.36)			16 (0.63)
ES 250D.5	250 (10)	750	250	4 + 4	28 ÷ 300	92	50 (2)	Dual voice coil, double magnet, high density flux ferrite		16 (0.63)
ES 300D.5	300 (12)	1050	350	4 + 4	25 ÷ 250	94,5	60 (2.36)			16 (0.63)
ES F20.5	200 (8)	600	200	4	32 ÷ 400	93	38 (1.5)	High density flux ferrite		12 (0.47)
ES F25.5	250 (10)	900	300	4	30 ÷ 300	92	60 (2.36)			13 (0.51)
ES F30.5	300 (12)	1050	350	4	27 ÷ 250	93,5	60 (2.36)			13 (0.51)

600 W

EBX F20.5
REFLEX SUB BOX



900 W

EBX F25.5
REFLEX SUB BOX



ES 200.5
ES 250.5
ES 250D.5
ES 300.5
ES 350.5
ES 380.5

ULTRA flat

ES F20.5
ES F25.5
ES F30.5
EBX F20.5
EBX F25.5

EBX 200.5
REFLEX SUB BOX
500 W

EBX 250.5
REFLEX SUB BOX
700 W

EBX 300.5
REFLEX SUB BOX
1000 W

Exponential-Flanged-Duct®



SUB BOX specifications	Speaker Size mm (in.)	Passive Radiator Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Box Size mm (in.)	Magnet	Cone
			Peak	Cont. prog.						
EBX F20.5	200 (8)	250 (10)	600	200	4	40 ÷ 400	93	520 x 108 x 320 (20.5 x 4.3 x 12.6)	High density flux ferrite	Water repellent pressed paper
EBX F25.5	250 (10)	300 (12)	900	300	4	38 ÷ 350	92	670 x 119 x 403 (26.4 x 4.7 x 15.9)		
EBX 200.5	200 (8)	-	500	250	4	30 ÷ 400	91	390 x 297 x 288 (15.4 x 11.7 x 11.3)		
EBX 250.5	250 (10)	-	700	350	4	28 ÷ 300	93	465 x 365 x 338 (18.3 x 13.4 x 13.3)		
EBX 300.5	320 (12)	-	1000	500	4	25 ÷ 250	94	545 x 387 x 400 (21.5 x 13.0 x 15.7)		

HERTZ



HIGH EFFICIENCY TWEETER

Optimized geometry boasting an efficient, highly linear annular acoustic lens along with a PEI membrane that provides the best damping with a detailed, linear sound.

TPU SURROUND

Exclusive TPU (Thermoplastic Polyurethane) surround for resonance damping, also under high excursion.



V-CONE®

The exponential profile gets very close to the perfect one, providing exceptional dispersion.



dieci

SATISFYING EVERY NEED, IN EVERY CAR

A NEW LANDMARK IN ITS CATEGORY FOR COMPLETENESS OF PRODUCT RANGE AND ACCURATE DESIGN. EXTENDED FREQUENCY RESPONSE, WIDE OFF-AXIS DISPERSION, EVEN HIGHER EFFICIENCY AND UNDISTORTED, POWERFUL SOUND WITH ANY SOURCES, IN ANY CARS.



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COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone/Dome WF/TW
	Woofers	Tweeter	SuperTweeter	Peak	Continuous					
DCX 87.3	87 (3.4)	15 (0.6)	-	60	30	4	130 ÷ 21k	92	High density flux ferrite / Neodymium	Water repellent pressed paper/ PEI
DCX 100.3	100 (4)	15 (0.6)	-	60	30	4	70 ÷ 21k	92		
DCX 130.3	130 (5)	15 (0.6)	-	80	40	4	65 ÷ 21k	93		
DCX 165.3	165 (6.5)	15 (0.6)	-	120	60	4	60 ÷ 21k	93		
DCX 170.3	170 (6.7)	15 (0.6)	-	100	50	4	60 ÷ 21k	93		

DCX 460.3
2 WAY COAXIAL
80 W



DCX 570.3
2 WAY COAXIAL
120 W



DCX 690.3
2 WAY COAXIAL
180 W



DCX 710.3
3 WAY COAXIAL
300 W



included
DCX 690.3
DCX 710.3

COAX specifications	Size mm (in.)			Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet WF/TW	Cone/Dome WF/TW
	Woofer	Tweeter	SuperTweeter	Peak	Continuous					
DCX 460.3	(4 x 6)	15 (0.6)	-	80	40	4	65 ÷ 21k	93	High density flux ferrite / Neodymium	Water repellent pressed paper / Water repellent pressed paper/PEI
DCX 570.3	(5 x 7)	15 (0.6)	-	120	60	4	60 ÷ 21k	93		
DCX 690.3	(6 x 9)	60 (2.5)	15 (0.6)	180	90	4	45 ÷ 21k	93		
DCX 710.3	(7 x 10)	60 (2.5)	15 (0.6)	300	150	4	40 ÷ 21k	93		



Compact **SIZE**

DT 24.3
DV 170.3



COMP specifications	Size mm (in.)	Power Handling W	Imp. Ω	Freq. Resp. Hz	Sens. dB/SPL	Magnet	Cone/Dome WF/TW	Crossover included
	Tweeter	Peak						
DT 24.3	24 (0.9)	80 (Hi-pass filt. @ 3,5 kHz - 6 dB/Oct.)	4	3k ÷ 23k	94	Neodymium	PEI	3,5kHz - 6 dB Oct.

SYSTEM specifications	Size mm (in.)		Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Magnet	Cone/Dome WF/TW	Crossover included
	Woofer	Tweeter	Peak	Continuous						
DSK 130.3	DV 130.3 130 (5)	DT 24.3 24 (0.9)	120	60	4	60 ÷ 23k	93	High density flux ferrite / Neodymium	Water repellent pressed paper/PEI	3,5kHz - 12 dB Oct.
DSK 165.3	DV 165.3 165 (6.5)	DT 24.3 24 (0.9)	160	80	4	50 ÷ 23k	93			3,5kHz - 12 dB Oct.
DSK 170.3	DV 170.3 170 (6.7)	DT 24.3 24 (0.9)	160	80	4	50 ÷ 23k	93			3,5kHz - 12 dB Oct.



DV 130.3
DV 165.3
DV 170.3
DS 205.3
DS 300.3



included
DS 25.3
DS 300.3



DS 250.3
SUBWOOFER

800 W



DS 300.3
SUBWOOFER

1200 W



SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
DS 250.3	250 (10)	800	200	4	32 ÷ 400	90	50 (2.0)	High density flux ferrite	Polypropylene with Mica injection	17 (0.67)
DS 300.3	300 (12)	1200	300	4	28 ÷ 300	92	50 (2.0)			17 (0.67)

600 W

DS 25.3
SUBWOOFER



1000 W

DS 30.3
SUBWOOFER



1200 W

DS 38.3
SUBWOOFER



DSG 250.3
DSG 300.3
optional grille

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
DS 25.3	250 (10)	600	150	4	32 ÷ 400	89	38 (1.5)	High density flux ferrite	Polypropylene with Mica injection	16 (0.63)
DS 30.3	300 (12)	1000	250	4	28 ÷ 300	91	38 (1.5)			16 (0.63)
DS 38.3	380 (15)	1200	300	4	25 ÷ 250	92	38 (1.5)			16 (0.63)



DBA 200.3
ACTIVE SUB BOX

140 W



600 W

DBX 25.3
SEALED SUB BOX

DBX 30.3
SEALED SUB BOX

1000 W



DST 30.3B
REFLEX SUB BOX

1000 W



DBX 252.3
SEALED SUB BOX

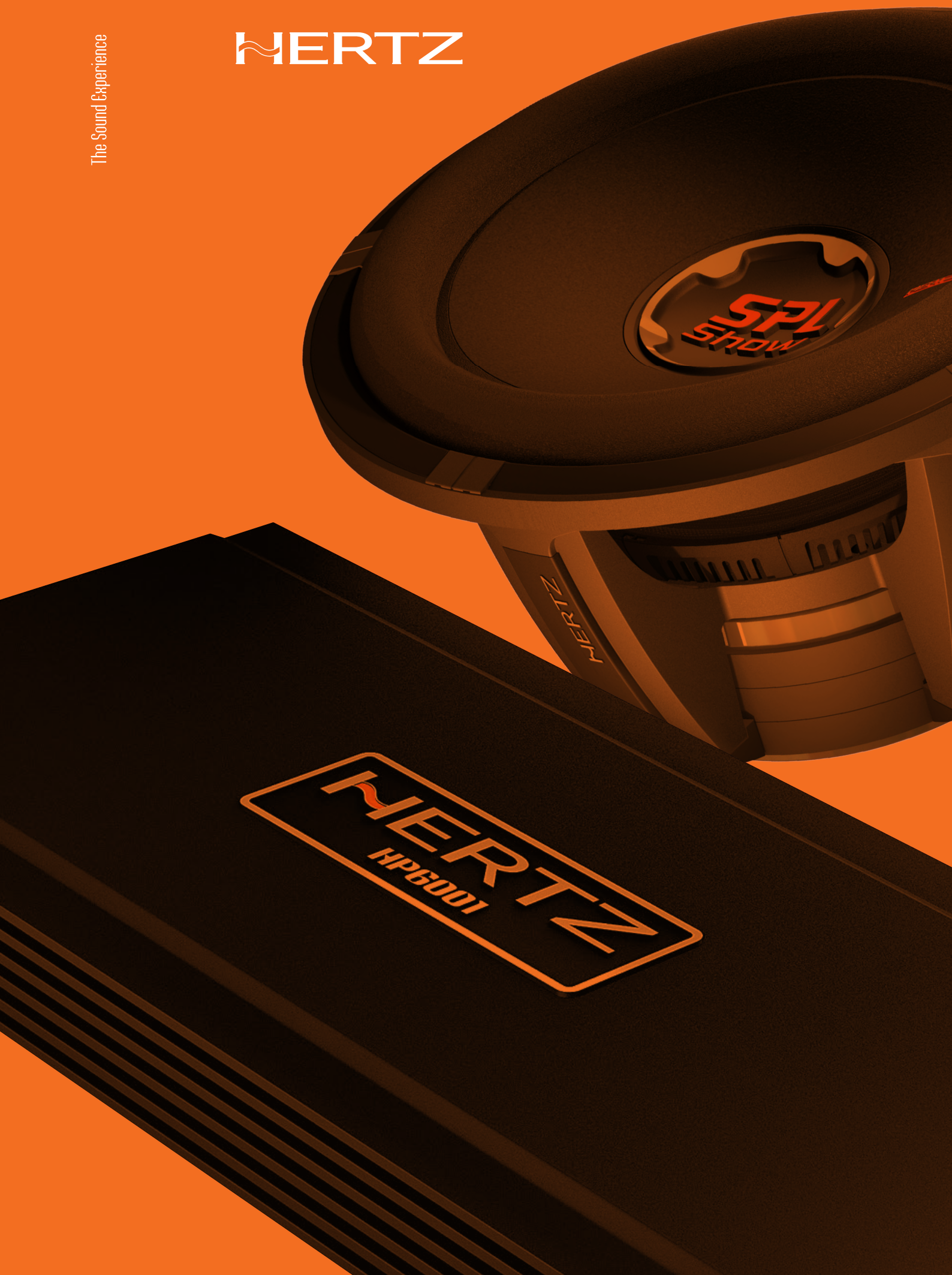
1200 W

SUB BOX specifications	Speaker Size mm (in.)	Passive Radiator Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Box Size mm (in.)	Magnet	Cone
			Peak	Cont. prog.						
DBA 200.3	200 (8)	200 (8) x 2	140	-	4	32 ÷ 400	92	330 x 293 x 263 (13 x 11.6 x 10.4)	High density flux ferrite	Water repellent pressed paper
DBX 25.3	250 (10)	-	600	150	4	32 ÷ 400	89	443 x 227 x 298 (17.4 x 8.9 x 11.7)		
DBX 30.3	300 (12)	-	1000	250	4	28 ÷ 300	91	484 x 227 x 343 (19 x 8.9 x 13.5)		
DBX 252.3	2 x 250 (2 x 10)	-	1200	300	2	-	92	650 x 295 x 300 (25.6 x 11.6 x 11.8)		

TUBE SUB BOX specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	Ø Voice Coil mm (in.)
	Speaker	Peak	Continuous				
DST 30.3	300 (12)	1000	250	4	30 ÷ 250	91	50 (2.0)

The Sound Experience

HERTZ



SPL Show

DESIGNED FOR SPL ENTHUSIASTS

SPL Monster

DESIGNED FOR SPL TEAM



IMPRESSIVE SOUND PRESSURE AND POWER

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SPL Show

DESIGNED FOR SPL ENTHUSIASTS

OVERBUILT POWER
SUPPLY STAGE



POWER WITHOUT
COMPROMISE



COMPLETE
CONTROL



ALUMINIUM
EXTRUDED
HEATSINK



EXTREMELY
POWERFUL
NEODYMIUM
MAGNET



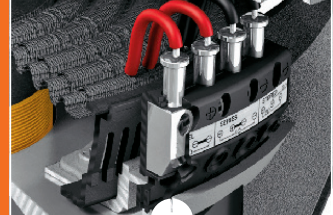
DOUBLE-WAVE
SURROUND



FOUR-LAYER
ALUMINIUM
VOICE-COIL



DUAL SPIDER
DESIGN



SPL SHOW AMPLIFIERS

In order to deliver such extraordinarily high power and to transfer it uninterrupted, the power supply stage features multiple toroidal transformers, 105°C Low-ESR primary capacitors, TO247 mosfets and large tank-type secondary capacitors.

Inside the amplifier, the electronics have been designed specifically for SPL systems, driving low impedance loads with perfect thermal stability. Power for sound pressure without compromise.

The Front End section features a complete crossover system, for endless configuration possibilities.

HP 802 is a stereo amplifier with separate Hi-Pass and Lo-Pass filters, operable in combination to create a Band-Pass filter; it also features an adjustable parametric equalizer as well as a Pre Out to re-launch the signal to other amplifiers in a multi-amplified system. HP 3001/HP 6001 mono models are provided with by-passable Lo-Pass filter (24 dB/Oct. slope), subsonic filter, phase control, remote volume control (HRC) and also a Chain Mode function to cascade-connect a second amplifier, achieving maximum SPL levels.

Aluminium extruded heatsink with enhanced thermal performance. Following the style of Hertz, the Hertz logo has been tastefully integrated into the top of the HP heatsink, and massive fins are featured along the side of the amplifier.

SPL SHOW COMPONENTS

CCAR (Copper Clad Aluminium Ribbon) voice coil features an extra-light aluminium membrane, for unheard-of thermal and mechanical capability.

An extremely powerful Neodymium magnet is employed along with a highly efficient compression loading horn, designed for maximum high frequency acoustic pressure. Just for ST 44 tweeter a 44 mm (1.7 in.) voice coil and a flux ferrite magnet have been employed.

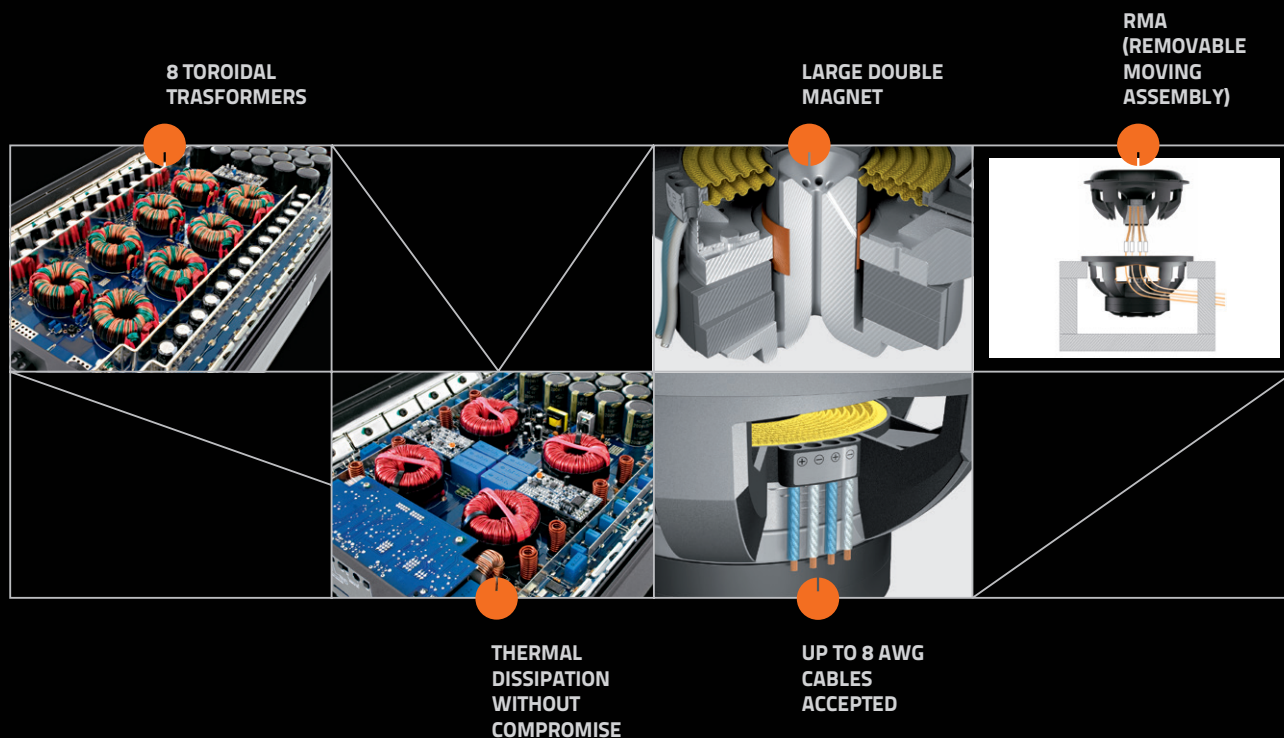
Midranges are enriched with copper poles and double-wave surrounds to sustain linearity even under extreme excursion.

SV 200L is provided with the proprietary V-cone® technology, pulp cone with cotton fibre and long throw voice coil, for an amazing low frequency impact and high SPL levels.

SPL SHOW SUBWOOFERS

A dual spider design offers extreme control during high excursions: the strengthened spider ensures precise, linear movement of the moving assembly while providing clean, detailed acoustics, even under high power situations.

Back vented spider support, equipped for perfect symmetry under high excursion while providing increase thermal dissipation. Four-layer aluminium voice coil, for unheard-of thermal and mechanical capability and explosive dynamics.



SPL MONSTER SUBWOOFERS

The innovative RMA (Removable Moving Assembly) provides the ability to replace the entire mobile assembly in few seconds, without removing the speaker from its mounting position, choosing the one configuration appropriate to your needs. The available mobile assemblies differ in the typology of the voice coil impedance.

Power transfer is carried out through screw terminals that accept high current cables to 8 AWG.

Large double magnet, permitting a perfect control under high excursion conditions for top SPL performance.

MP 15K UNLIMITED AMPLIFIER

In order to deliver such extraordinarily high power, the power supply stage features 8 toroidal transformers, 28 - 3300 uF 105°C Low-ESR primary capacitors for a total of 92400 uF; 32 - 160 A TO247 Mosfets and 22 - 820 uF secondary capacitors capable of 200 V.

The output stage, settable in bridged or stereo mode, features 20 - 190 A / 360 V impulsive current Mosfets: robust power and thermal dissipation without compromise.

DESIGNED FOR SPL ENTHUSIASTS

3600 W MAX POWER

HP 3001
D-CLASS MONO
AMPLIFIER



6000 W MAX POWER

HP 6001
D-CLASS MONO
AMPLIFIER



HRC
SUB VOLUME
REMOTE CONTROL
included

1800 W MAX POWER

HP 802 STEREO POWER AMPLIFIER



AMP specifications			HP 802	HP 3001	HP 6001
Channel Mode			2 - 1	1	1
Output Power	@ 4Ω	W x ch	380 x 2	1440 x 1	2150 x 1
	@ 2Ω	W x ch	630 x 2	2400 x 1	3760 x 1
	@ 1Ω	W x ch	900 x 2	3600 x 1	6000 x 1
	@ 4Ω	W x ch (mono)	1260 x 1	-	-
	@ 2Ω	W x ch (mono)	1800 x 1	-	-
	@ 2Ω	W x ch (chain)	-	7200 x 1	12000 x 1
Filters	Bypass		Yes	Yes	Yes
	Hi-Pass	Hz @ dB/Oct.	50 ÷ 10k @ 12	-	-
	Lo-Pass	Hz @ dB/Oct.	50 ÷ 10k @ 12	50 ÷ 400 @ 24	50 ÷ 400 @ 24
	Band-Pass	Hz @ dB/Oct.	50 ÷ 10k (Hi) @ 12 50 ÷ 10k (Lo) @ 12	-	-
Subsonic	Hi-pass	Hz @ dB/Oct.	-	25 @ 24	25 @ 24
Equalizer	Gain	dB	-12 ÷ 12	-	-
	Freq.	Hz	50 ÷ 1k	-	-
	Bandwidth	Q	0.5 ÷ 2	-	-
Sub Volume Remote Control		(-50 ÷ 6) dB	-	Yes	Yes
Phase	Degree		-	0 ÷ 180	0 ÷ 180
Pre-Out	Bypass		Yes	-	-
Chain mode	Master/Slave		--	Yes	Yes
Distortion - THD	100 Hz @ 4Ω	%	0.05	0.1	0.1
S/N Ratio	Sensitivity @ 1 V RMS	dBA	103	96	86
Damping factor	100 Hz @ 4Ω		500	150	500
Size W x D x H		mm	544 x 240 x 65,5	544 x 240 x 65,5	644 x 280 x 65,5
		in.	21.41 x 9.45 x 2.55	21.41 x 9.45 x 2.55	25.35 x 11.02 x 2.55

DESIGNED FOR SPL ENTHUSIASTS

ST 25

SPL TWEETER
100 W



AFR 25 (optional)

ST 35

SPL TWEETER
100 W



AFR 35 (optional)

ST 44

SPL TWEETER
100 W



SV 165.1
SPL MIDRANGE
400 W



SV 200.1
SPL MIDRANGE
500 W



SV 250.1
SPL MIDRANGE
500 W

COMP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone
		Peak	Cont. prog.						
ST 25	25 (1)	100 (Hi-Pass filtered @ 5 kHz - 12 dB/Oct.)	-	4	3k ÷ 20k	107	25 (1)	Neodymium	Aluminium
ST 35	35 (1.4)	100 (Hi-Pass filtered @ 4.5 kHz - 12 dB/Oct.)	-	4	2,5k ÷ 20k	109	35 (1.4)		
ST 44	44 (1.7)	100 (Hi-Pass filtered @ 4.5 kHz - 12 dB/Oct.)	-	4	2,5k ÷ 20k	109	44 (1.7)		
SV 165.1	165 (6.5)	400 (Hi-Pass filtered @ 200 Hz - 12 dB/Oct.)	-	4	100 ÷ 10k	97	38 (1.5)	High density flux ferrite	Ultra Light pressed paper
SV 200.1	200 (8)	500 (Hi-Pass filtered @ 150 Hz - 12 dB/Oct.)	-	4	100 ÷ 9k	100	38 (1.5)		Ultra Light non-pressed paper
SV 200L	200 (8)	500	250	4	45 ÷ 4,5k	94,5	50 (2)		Ultra Light non-pressed paper
SV 250.1	250 (10)	500 (Hi-Pass filtered @ 150 Hz - 12 dB/Oct.)	-	4	90 ÷ 7k	101	50 (2)		Ultra Light pressed paper



SV 200L

SPL WOOFER
500 W



HGR 250
HGR 300
HGR 380
optional grille



DOUBLE
VOICE COIL



SX 250D

SUBWOOFER

2400 W



SX 300D

SUBWOOFER

3200 W



SX 380D

SUBWOOFER

4000 W

SUB specifications	Size mm (in.)	Power Handling W		Imp. Ω	Freq. Resp. Hz	Sensitivity dB/SPL	\varnothing Voice Coil mm (in.)	Magnet	Cone	X-mech mm (in.)
		Peak	Cont. prog.							
SX 250D	250 (10)	2400	600	2,0 + 2,0	34 ÷ 800	90,5	65 (2.6)	Double magnet, high density flux ferrite	Pressed paper	23 (0.9)
SX 300D	300 (12)	3200	800	2,0 + 2,0	28 ÷ 700	91	65 (2.6)			23 (0.9)
SX 380D	380 (15)	4000	1000	2,0 + 2,0	25 ÷ 600	92	65 (2.6)			23 (0.9)

SPL Monster

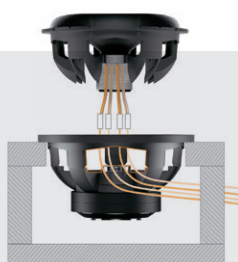
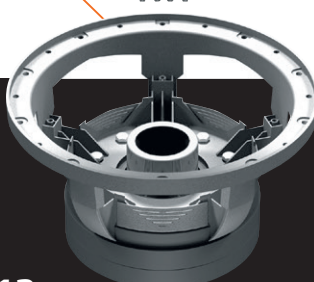
DESIGNED FOR SPL TEAM

The Sound Experience

8000 W

MG 12

SUBWOOFER
MOBILE GROUP



RMA - Removable Moving Assembly

**MM 12.1
UNLIMITED**

SUBWOOFER
MOTOR GROUP

MOBILE GROUP specifications	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Cone	X-mech mm (in.)
		Peak	Cont. prog.					
MG 12 2 x 1.0 / 2 x 1.5	300 (12)	8000	2000	1,0 + 1,0 / 1,5 + 1,5	92 / 90,5	75 (3)	Water repellent pressed paper	33,5 (1.3)

MOTOR GROUP specifications	Size mm (in.)	Outer Ø mm (in.)	Mounting Ø mm (in.)	Total depth* mm (in.)	Mount. depth mm (in.)	Magnet
MM 12.1 UNLIMITED	300 (12)	324 (12.75)	280 (11)	239 (9.4)	192 (7.6)	High densityflux ferrite, double magnet

* Including Mobile Group

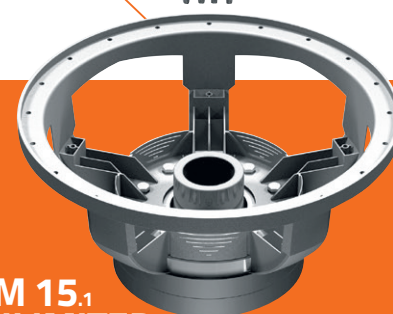
8000 W

MG 15
SUBWOOFER
MOBILE GROUP



8000 W

MG 15 BASS
SUBWOOFER
MOBILE GROUP



**MM 15.1
UNLIMITED**
SUBWOOFER
MOTOR GROUP

**MM 15.1
UNLIMITED**
SUBWOOFER
MOTOR GROUP

MOBILE GROUP specifications

	Size mm (in.)	Power Handling W		Imp. Ω	Sensitivity dB/SPL	Ø Voice Coil mm (in.)	Cone	X-mech mm (in.)
		Peak	Cont. prog.					
MG 15 2 x 1.0 / 2 x 1.5	380 (15)	8000	2000	1,0 + 1,0 / 1,5 + 1,5	94 / 92,5	75 (3)	Water repellent pressed paper	33,5 (1.3)
MG 15 BASS 2 x 1.0	380 (15)	8000	2000	1,0 + 1,0	94	75 (3)	Water repellent pressed paper	35 (1.4)

MOTOR GROUP specifications

	Size mm (in.)	Outer Ø mm (in.)	Mounting Ø mm (in.)	Total depth* mm (in.)	Mount. depth mm (in.)	Magnet
MM 15.1 UNLIMITED	380 (15)	399 (15.7)	350 (13.8)	256 (10)	209 (8.3)	High densityflux ferrite, double magnet

* Including Mobile Group

SPL Monster

DESIGNED FOR SPL TEAM

The Sound Experience

Direct Current: 4 x 1/0 AWG cables secured to the amplifier through 4 x 2,5 mm thick copper buss bars connected directly to the printed circuit board, to transfer power between battery and amplifier with very low contact resistance.

Hertz SPL Stack System stacks multiple amplifiers thanks to the 6 supplied 2 mm robust iron brackets mounted on the threaded points on the heatsink.



MP 15K UNLIMITED

D-CLASS SPL AMPLIFIER

15000 W

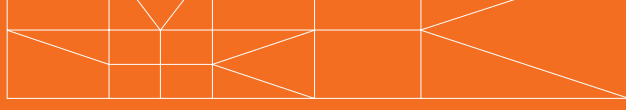
AMP specifications	MP 15K UNLIMITED	
Channel Mode	2 - 1	
Power (RMS) @ 12V	Stereo	Bridge
W @ 4Ω	1000 x 2	4000 x 1
W @ 2Ω	2000 x 2	6000 x 1
W @ 1Ω	3000 x 2	8000 x 1
Power (RMS) @ 14.4V		
W @ 4Ω	1500 x 2	5600 x 1
W @ 2Ω	2800 x 2	9000 x 1
W @ 1Ω	4500 x 2	12000 x 1
Power (RMS) @ 16V		
W @ 4Ω	1800 x 2	6800 x 1
W @ 2Ω	3400 x 2	11000 x 1
W @ 1Ω	5500 x 2	15000 x 1
Power (RMS) @ 18V		
W @ 4Ω	2300 x 2	8800 x 1
W @ 2Ω	4400 x 2	12000 x 1
W @ 1Ω	6100 x 2	15500 x 1
Crossover	OFF / Lo-Pass: 40 ÷ 150 Hz @ 24 dB/Oct.	
Lo-Pass	OFF / Hi-Pass: 10 ÷ 50 Hz @ 24 dB/Oct.	
Subsonic	Stereo By-Pass / Bridge / L + R Mix	
Output Mode	Master / Slave	
Chain Mode		
Distortion - THD %, 100 Hz @ 4Ω	0,15	
S/N Ratio dBA weighed @ 1V RMS	69	
Damping Factor 100 Hz @ 4Ω	> 950	
Size	mm	323 x 830 x 68,5
	in.	12.75 x 32.67 x 2.75



Brackets included

The Sound Experience

HERTZ





All Specifications Subject to Change Without Notice

2016

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